

ATTACHMENT 7. SCHEDULE

The attached Project schedule shows the timeline for implementation of each task of the Modesto Groundwater Basin Characterization and Recharge Study, described in Attachment 5, Work Plan of this grant application, as required to prepare an Integrated Groundwater Management and Augmentation Plan (IGMAP). As directed on page 21 of the Proposal Solicitation Package (PSP) for the 2012 Local Groundwater Assistance (LGA) grant application, this Microsoft Project schedule shows a project start date in April 2013.

At present, the City of Modesto (City) is ready to move forward with the Modesto Groundwater Basin Characterization and Recharge Study and only lacks funding for implementation. As soon as funding is secured, the City will contract with the necessary consulting firms and begin preparation of the IGMAP. Permit acquisition and CEQA documentation are not required for this Project, as it involves the preparation of a study.

The attached schedule was prepared to be consistent with the Work Plan and Budget as presented in Attachments 5 and 6, respectively, of this grant application. The schedule provides the best estimate for start and end dates based on experience with similar projects and tasks. Should obstacles be encountered during IGMAP preparation, the City and its selected consultant will identify ways in which to get the project back on schedule and to improve efficiency in other areas of project completion to make up time. There are not many opportunities in which the project could encounter obstacles since this is a planning study (i.e. land and permit acquisition are not required). One item that could cause delay is the attainment of necessary data through the Stanislaus and Tuolumne Rivers Groundwater Basin Association (STRGBA), the United States Geological Survey (USGS), and other participating entities. Early outreach will be conducted to inform these organizations of the project, identify appropriate and expeditious means for communication, and encourage cooperation. If there is a delay, the consultant and City will discuss and identify the best plan to move forward with the project. For example, sufficient data could be obtained to move forward without other data that was requested, or conversely, it may be in the best interest of the project to wait for the necessary data to ensure an accurate and complete work product. The City anticipates full cooperation from entities involved in the Project (as demonstrated by the letters of support provided for this project and included in Attachment 1, Authorizing Documentation) and believes necessary data will be provided in a timely fashion.

Should this Proposal be funded, and following completion of the Modesto Groundwater Basin Characterization and Recharge Study, the City is prepared to further the overall program to achieve the intended goals by implementing selected studies and/or projects beginning 2015.

ID	Task Name	Duration	Start	Finish																												
					Mar	Qtr 2, 2013				Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1,				
					Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan						
1	Modesto 2012 Local Groundwater Assistance (LGA) Grant Application	448 days	Mon 4/15/13	Wed 12/31/14																												
2	LGA Grant Agreement	448 days	Mon 4/15/13	Wed 12/31/14																												
3	Task 1: Grant Administration, Project Management and Coordination	420 days	Mon 4/15/13	Fri 11/21/14																												
4	Subtask 1.1: LGA Funding Agreement Administration	420 days	Mon 4/15/13	Fri 11/21/14																												
5	Funding Administration	420 days	Mon 4/15/13	Fri 11/21/14																												
6	Claim Submittals	375 days	Mon 6/17/13	Fri 11/21/14																												
23	Subtask 1.2: Project Implementation Coordination	337 days	Mon 4/29/13	Tue 8/12/14																												
24	Kickoff Meeting	1 day	Mon 4/29/13	Mon 4/29/13																												
25	Progress Meetings	326 days	Tue 5/14/13	Tue 8/12/14																												
42	Subtask 1.3: Consultant Contract Administration	420 days	Mon 4/15/13	Fri 11/21/14																												
43	Subtask 1.4: Quarterly and Final Reporting	355 days	Fri 7/12/13	Fri 11/21/14																												
44	Quartely Reports	260 days	Fri 7/12/13	Fri 7/11/14																												
50	Final Report	0 days	Fri 11/21/14	Fri 11/21/14																												
51	Task 2: Groundwater Data Collection and Analysis	60 days	Mon 4/15/13	Fri 7/5/13																												
52	Prepare Draft Data Needs Assessment	10 days	Mon 4/15/13	Fri 4/26/13																												
53	Data Gathering for Recharge Analysis and Area Mapping	20 days	Mon 4/29/13	Fri 5/24/13																												
54	Well Data Collection	20 days	Mon 4/29/13	Fri 5/24/13																												
55	Monitoring Plan Re-evaluation	15 days	Mon 4/29/13	Fri 5/17/13																												
56	Finalize Data Needs Assessment	10 days	Mon 5/20/13	Fri 5/31/13																												
57	Data Analysis	30 days	Mon 5/27/13	Fri 7/5/13																												
58	Task 3: IdentifyBasin Needs and Develop Basin-wide Vision	30 days	Mon 6/10/13	Fri 7/19/13																												
59	Task 4: Develop Methodology to Prioritize Projects	30 days	Mon 7/22/13	Fri 8/30/13																												
60	Task 5: Aquifer Hydrogeologic Characterization and Aquifer Recharge Analysis	135 days	Mon 7/8/13	Fri 1/10/14																												
61	Conceptual Model Development	75 days	Mon 7/8/13	Fri 10/18/13																												
62	Aquifer Recharge Analysis	60 days	Mon 10/21/13	Fri 1/10/14																												
63	Water Quality Evaluation	60 days	Mon 7/8/13	Fri 9/27/13																												
64	Task 6: Project and Opportunity Identification and Prioritization	60 days	Mon 1/13/14	Fri 4/4/14																												
65	Task 7: Prepare Integrated Groundwater Management and Augmentation Plan	120 days	Mon 4/7/14	Fri 9/19/14																												
66	Administrative Draft Plan	40 days	Mon 4/7/14	Fri 5/30/14																												
67	Modesto and STRGBA Review	20 days	Mon 6/2/14	Fri 6/27/14																												
68	Public Draft Plan	20 days	Mon 6/30/14	Fri 7/25/14																												
69	Public Review	20 days	Mon 7/28/14	Fri 8/22/14																												
70	Final Plan	20 days	Mon 8/25/14	Fri 9/19/14																												

City of Modesto LGA Grant Application
July 13, 2012

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

Page 1